

~~Task~~

INSERT INTO LIBRARY (BookID, Title, Publisher, Genre, PublishedYear, ISBN, Pages, CopiesAvailable, Price) VALUES
('To Kill a Mockingbird', 'Harper Lee', 'J.B. Lippincott', 'Fiction', 1960, '978-0011120024', 324, 5, 15.99)

UPDATE LIBRARY SET Price = 11.99 WHERE ISBN = '9780-45' .
AND Genre = 'Dystopian' AND PublishedYear < 1950;

UPDATE LIBRARY SET CopiesAvailable = 10 WHERE Genre = 'Fiction'
AND PublishedYear > 1950;

UPDATE LIBRARY SET Price = Price * 0.95 WHERE 'Genre = 'Fiction'
AND Pages > 300;

UPDATE LIBRARY SET Pages = 350 WHERE CopiesAvailable > 4 AND
Price < 14;

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CREATE TABLE LIBRARY (
BookID INT PRIMARY KEY; AUTO-INCREMENT,
Title VARCHAR(255),
Author VARCHAR(255),
Publisher VARCHAR(255),
Genre VARCHAR(255),
PublishedYear INT,
ISBN VARCHAR(255), unique,
Pages INT,
CopiesAvailable INT,
Price DECIMAL(10, 2).
);

1. UPDATE Library SET CopiesAvailable = 10 WHERE ISBN = '978-0081220084' and
 Genre = 'Dystopian' and PublishedYear = 1950;
 2. UPDATE Library SET CopiesAvailable = 10 WHERE ISBN = '978-0081220084' and
 Genre = 'Dystopian' and PublishedYear = 1950;
 3. UPDATE Library SET Price = Price + 0.95 WHERE Genre = 'Fiction' and
 Pages > 300;
 4. UPDATE Library SET Pages = 350 WHERE CopiesAvailable > 10 and
 Price < 14;
 5. UPDATE Library SET Price = Price * 0.90 WHERE Genre = 'Fantasy' and
 PublishedYear > 1950 and Pages < 300;
 6. UPDATE Library SET CopiesAvailable = 0 WHERE Price > 12 and Genre =
 'Dystopian';
 7. UPDATE Library SET PublishedYear = 2020 WHERE Author = 'K. Toix' and
 Price > 10 and Price < 15;
 8. UPDATE Library SET Price = 5.99 WHERE Author = 'George Orwell' and
 Pages > 300;

UPDATE Library SET Price = 0.05 WHERE Genre = 'Fiction'
(CopiesAvailable < 5);

UPDATE Library SET Price = 17.99 WHERE Title = 'To Kill a Mockingbird'
and PublishedYear = 1960 and CopiesAvailable > 4;

DELETE FROM Library WHERE ISBN IN ('978-0451524935',
'978-0618968633') and Genre = 'Dystopian' and TopicsAvailable > 2;

DELETE FROM Library WHERE PublishedYear < 1950 and Price < 10;

DELETE FROM Library WHERE Genre = 'Fiction' and CopiesAvailable < 3
and PublishedYear < 1960;

DELETE FROM Library WHERE Author = 'Harper Lee' and Price < 12;

DELETE FROM Library WHERE CopiesAvailable = 0 and Price > 15;

DELETE FROM Library WHERE Pages < 200 AND PublishedYear > 1920
AND PublishedYear < 1960;

DELETE FROM Library WHERE ISBN = '978-0743273565' AND Genre =
'Fiction' AND PublishedYear < 1950;

DELETE FROM Library WHERE PublishedYear > 2000 AND (Price BETWEEN
10 and 15 OR Price > 15);

DELETE FROM Library WHERE Genre = 'Fantasy' AND CopiesAvailable
AND CopiesAvailable < 10;

DELETE FROM Library WHERE Author = 'J.D. Salinger' AND Pages < 300
AND Price > 12;

SELECT * FROM Library WHERE Genre = 'Fiction' AND PublishedYear > 1950
AND Pages > 200 AND Price BETWEEN 10 AND 15;

SELECT * FROM Library WHERE Pages > 300 AND Price > 12 AND
Genre = 'Fantasy';

SELECT * FROM Library WHERE PublishedYear BETWEEN 1925 AND
1950 AND Price < 13 AND CopiesAvailable > 3;

SELECT * FROM Library WHERE (Author = 'Harper Lee' OR Author = 'George
Orwell') AND PublishedYear > 1950 AND Price > 10;

SELECT * FROM Library WHERE Author = 'J.R.R. Tolkien'
AND CopiesAvailable > 5 AND Price BETWEEN 12 AND 15;

SELECT * FROM Library WHERE Genre = 'Dystopian' OR Genre = 'Fantasy'
AND Pages > 300 ORDER BY Price DESC LIMIT 1;

SELECT * FROM Library WHERE Author LIKE '%Tolkien%' AND
PublishedYear < 1940 AND CopiesAvailable BETWEEN 4 AND 6;

SELECT * FROM Library WHERE Genre = 'Fiction' AND Pages > 200
AND Price BETWEEN 10 AND 20 AND CopiesAvailable BETWEEN
2 AND 5;

SELECT * FROM Library WHERE PublishedYear < 1950 AND Price < 15
AND CopiesAvailable < 3;

SELECT Title, Author FROM Library WHERE Price > 12 AND CopiesAvailable > 4
AND PublishedYear > 1930;
